



```
graph TD
    101[RECEIVE DATA] --> 102[ARRANGE DATA IN A MIXED FORMAT LAYOUT]
    102 --> 103[FIXED-SIZED FIELD]
    102 --> 104[VARIABLE-SIZED FIELD]
    104 --> 106[COMPRESS VARIABLE-SIZED FIELD]
    106 --> CD1[COMPRESSED DATA]
    103 --> 105[COMPRESS FIXED-SIZED FIELD]
    105 --> CD2[COMPRESSED DATA]
```

The flowchart illustrates the data compression process. It begins with receiving data (101), which is then arranged in a mixed format layout (102). This layout is divided into a fixed-sized field (103) and a variable-sized field (104). The variable-sized field (104) is compressed (106) to produce compressed data. The fixed-sized field (103) is also compressed (105) to produce compressed data.



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FIG. 2

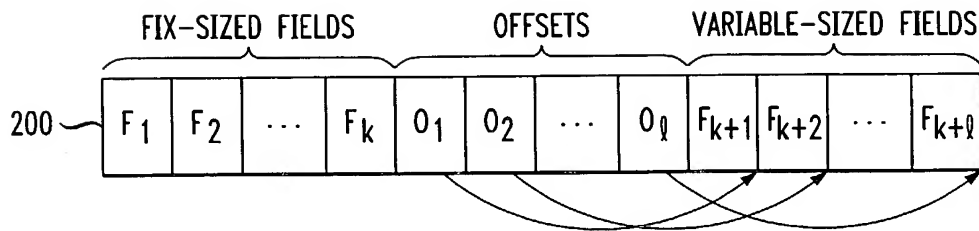
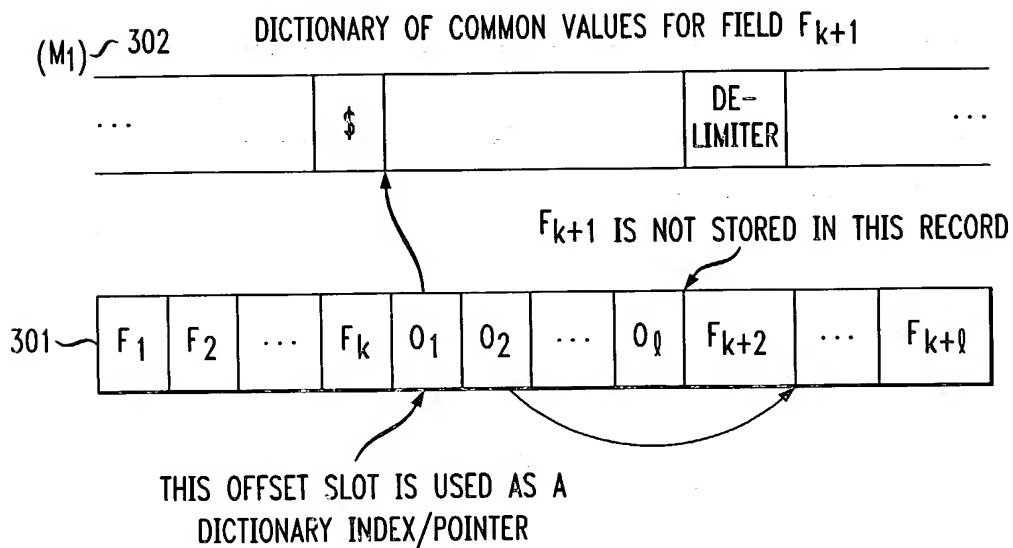


FIG. 3



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FIG. 4

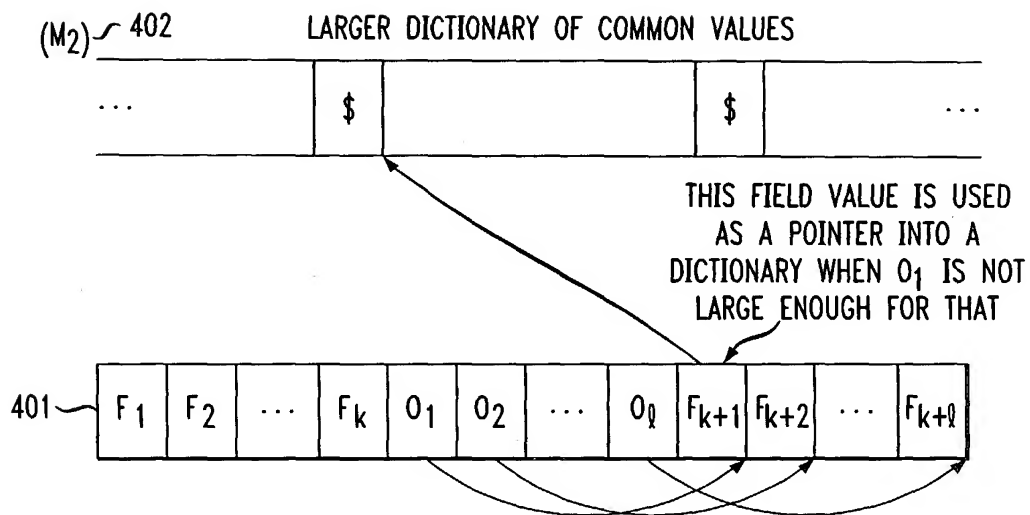
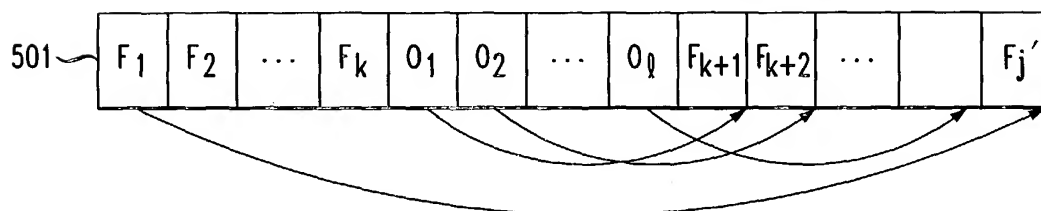


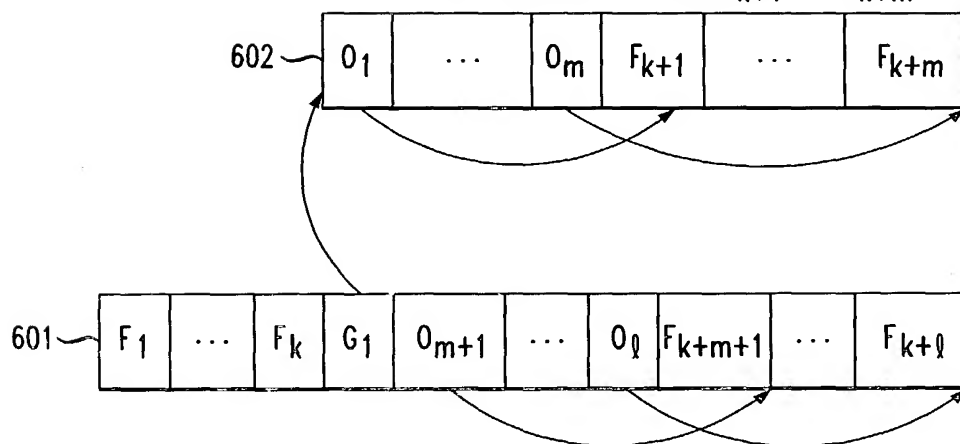
FIG. 5

IN EXCEPTIONALLY LARGE VALUE F₁' FOR F₁ IS STORED AS AN EXTRA VARIABLE-SIZED FIELD. F₁, THE FIXED SLOT FOR IT, IS USED TO STORE THE OFFSET POINTER TO TERMINATE F₁'.



**FIG. 6**

IN A DICTIONARY OF COMMON TUPLES, LAYOUT FOR
THE GROUP OF FIELDS F_{k+1} , F_{k+m}





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FIG. 7

